

COS

GREEN BUILDING DASHBOARD



LA County Green Building Dashboard

Regional Environmental and Sustainability Programs



[Home](#) [Portfolio](#) [Building](#)

Welcome to the COS Green Building Dashboard!



LA County is dedicated to reducing its impact on the environment. This Green Building Dashboard offers Facility Managers and other stakeholders a view into how their buildings are operating from a sustainability standpoint. The metrics provided here can be used to track how efficiently buildings are operating and using resources, as well as demonstrating the impact of a facility and its occupants on the environment.



The County Office of Sustainability has created this Dashboard to assist departments in reaching the County's established goal of reducing energy consumption in County facilities by 20% by the year 2015.

Navigating the Green Building Dashboard

The Dashboard is made up of two primary components:

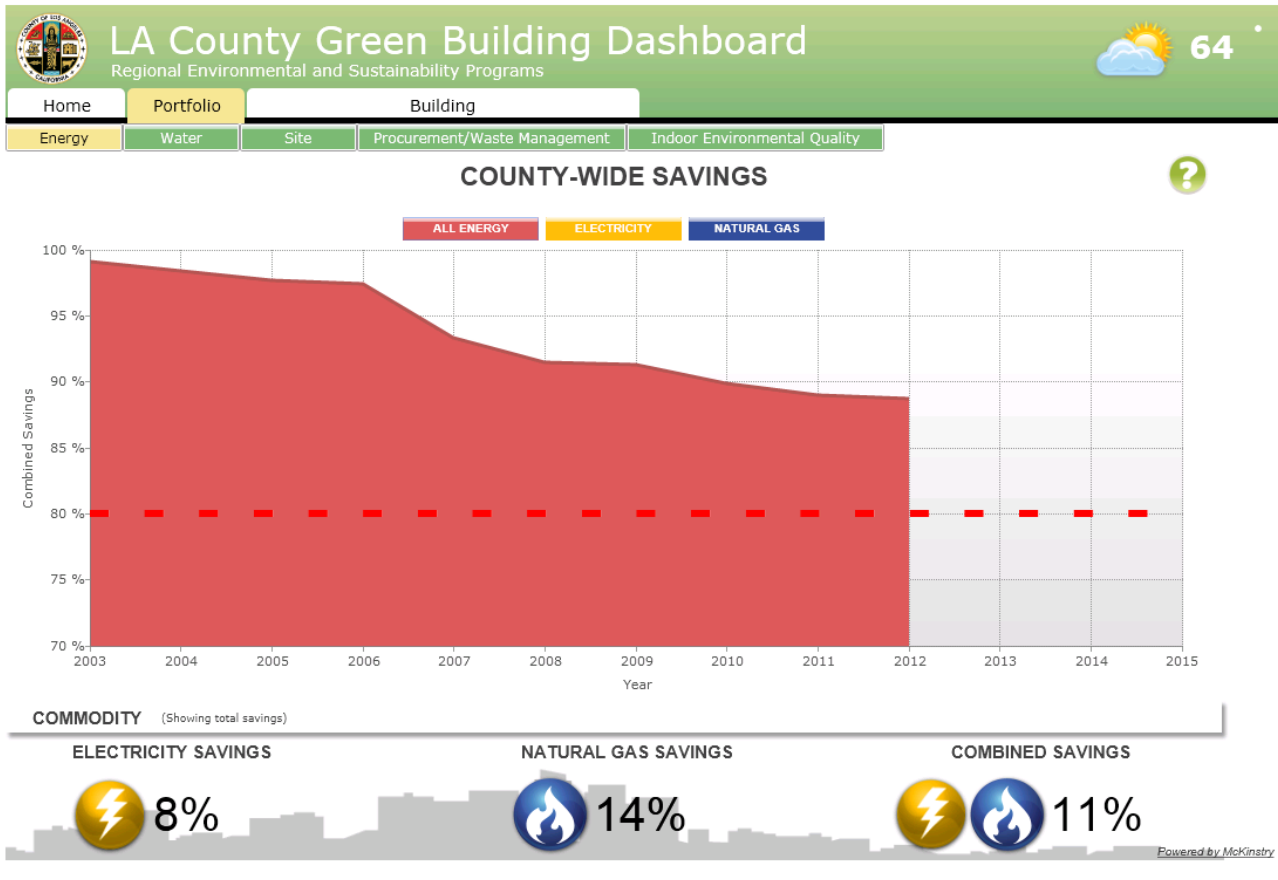
The **PORTFOLIO VIEW**, will show a cumulative overview of a group of facilities.

The **BUILDING VIEW**, will provide information for a specific facility, including progress toward Green Building Best Practices and LEED certification requirements.



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ENERGY EFFICIENCY





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66.6°

Home

Portfolio

Building: Library Hdqtrs

Building Info

Energy

Water

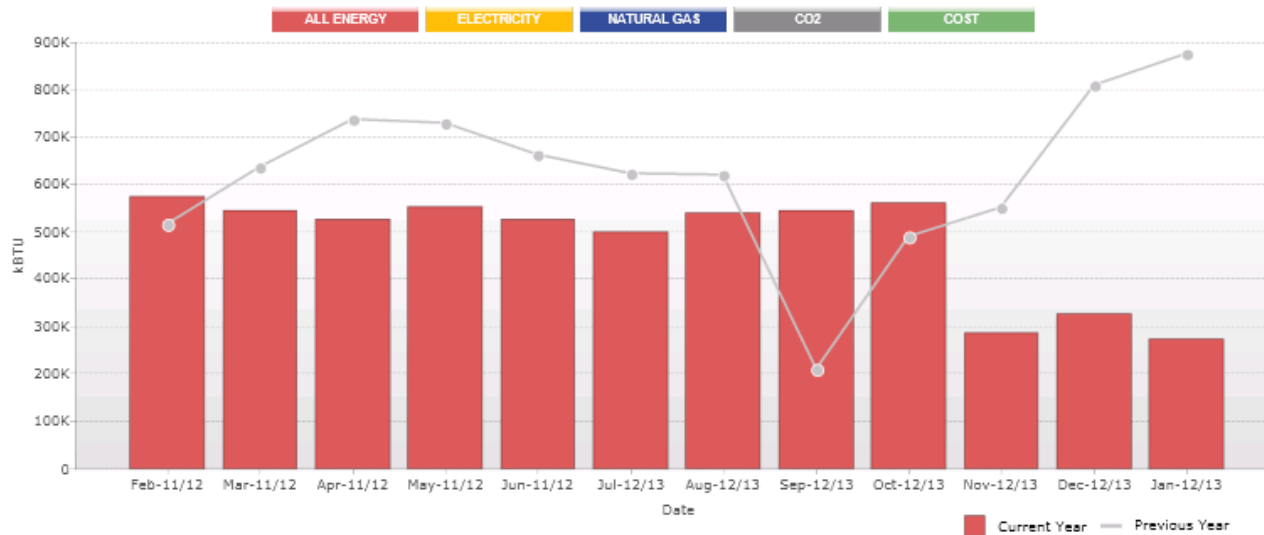
Site

Procurement/Waste Management

Indoor Environmental Quality

LEED

BILL HISTORY



ANNUAL METRICS

ENERGY COST INDEX



\$2.75

ENERGY USE INDEX



104
kbtu/sqft

CO2 EMISSIONS



580
METRIC TONS

ENERGY STAR



N/A

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Energy

Water

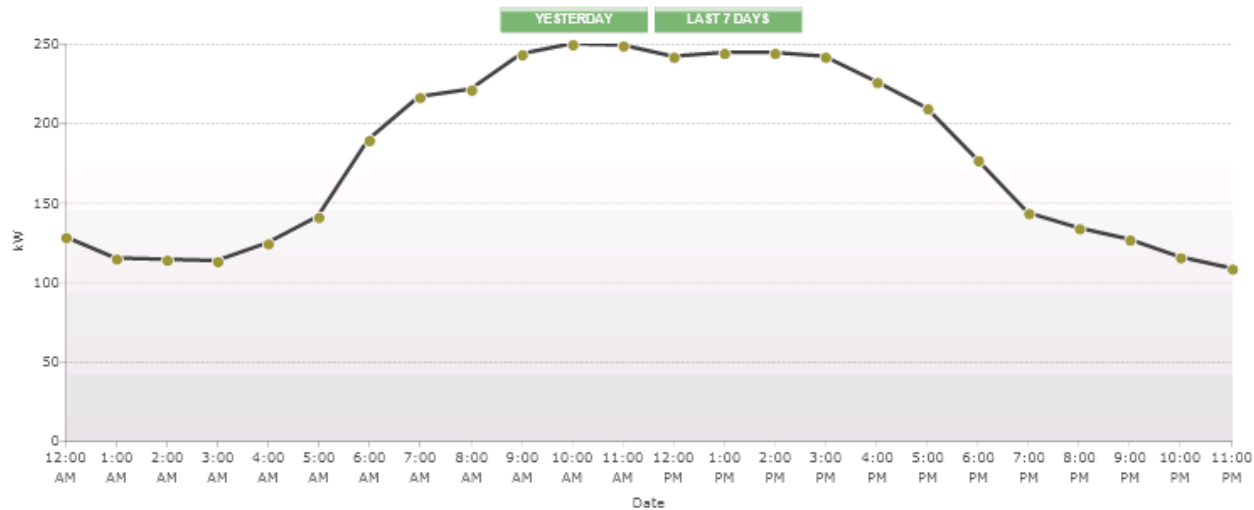
Site

Procurement/Waste Management

Indoor Environmental Quality

LEED

ELECTRICITY INTERVAL DATA



ENERGY METRICS

(Showing values of energy used over displayed time period)

LOAD FACTOR

69.4%

kWh

4,222 kWh

MIN kW

103 kW

MAX kW

253 kW

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[Home](#)[Portfolio](#)[Building: Library Hdqtrs](#)[Building Info](#)[Energy](#)[Water](#)[Site](#)[Procurement/Waste Management](#)[Indoor Environmental Quality](#)[LEED](#)

TOP SAVINGS PROJECTS



Project Type	Completion Date	Electricity Savings	Gas Savings
RetroCommissioning	12/30/2005	246K kWh	34K Therms
Lighting	5/31/2001	50K kWh	0 Therms

COMMODITY (Total savings for each energy metric)

ELECTRICITY SAVINGS



296,381

kWh

NATURAL GAS SAVINGS



33,696

Therms

COMBINED SAVINGS



4,383,150

kBTU

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GREENER BUILDINGS





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Home	Portfolio	Building: East Los Angeles Courthouse				
Building Info	Energy	Water	Site	Procurement/Waste Management	Indoor Environmental Quality	LEED

East Los Angeles Courts

4848 East Civic Center Way
Los Angeles, CA 90022



Best Practice Implementation Progress

Progress toward completing the Best Practices listed on the Energy, Water, Site, Procurement/ Waste Management, and Indoor Environmental Quality Pages is reported in the graph above.



- Item 1
- Item 2
- Item 3
- Item 4

Building Information

Gross Square Footage: **126,973**
Year Built: **1989**
Building Proprietor: **State/CEO**
Building Manager: **(Text: Individual, or Staff Assignment)**
Tenant(s): **(Public Defender, District Attorney, Sheriff)**
Power Service: **Southern California Edison**
Gas Service: **Southern California Gas**
Water Service: **Unknown**
Occupancy Type: **Courthouse**
HVAC Type: **(Text)**
Cooling Tower(s): **(Text)**
Weekly Operating Hours: **8:00AM - 5:00PM, Mon-Fri**
Average Number of Occupants: **(Unknown)**



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LA County Green Building Dashboard

Regional Environmental and Sustainability Programs



Home

Portfolio

Building: Hall of Records

Building Info

Energy

Water

Site

Procurement/Waste Management

Indoor Environmental Quality

LEED

LEED for Existing Buildings: Operations & Maintenance

Energy & Atmosphere

Best Practice Progress				EB:O&M Prerequisites
All	Most	Some	None	
<div><div></div></div>				Energy Efficient Best Management Practices
<div><div></div></div>				Minimum Energy Performance
<div><div></div></div>				Building-level Energy Metering
<div><div></div></div>				Fundamental Refrigerant Management

Water Efficiency

Best Practice Progress				EB:O&M Prerequisites
All	Most	Some	None	
<div><div></div></div>				Indoor Water Use Reduction
<div><div></div></div>				Building-level Water Metering

Sustainable Sites

Best Practice Progress				EB:O&M Prerequisites
All	Most	Some	None	
<div><div></div></div>				Site Management Policy

Materials & Resources

Best Practice Progress				EB:O&M Prerequisites
All	Most	Some	None	
<div><div></div></div>				Ongoing Purchasing and Waste Policy
<div><div></div></div>				Facility Maintenance and Renovations Policy

Environmental Quality

Best Practice Progress				EB:O&M Prerequisites
All	Most	Some	None	
<div><div></div></div>				Minimum Indoor Air Quality Performance
<div><div></div></div>				Environmental Tobacco Smoke Control
<div><div></div></div>				Green Cleaning Policy

Prerequisites per LEED for Existing Buildings: Operations & Maintenance v4 Draft
[Green LA County](#)



LA County Green Building Dashboard Building Information

Regional Environmental and Sustainability Programs

Building Information

Instructions: Please complete the following survey with information pertaining to the facility you operate.

Today's Date:	
Your Name:	
Your Department:	
Building Name:	Click on the Cell to Select from the Drop Down Menu
Building Manager Name:	
Building Occupancy Type:	Click on the Cell to Select from the Drop Down Menu
What is the average number of occupants in the building?	
Year the building was constructed (if known):	
Typical Building Operating Hours: (select one)	<input type="checkbox"/> Monday - Friday: _____ AM - _____ PM Saturday: _____ AM - _____ PM Sunday: _____ AM - _____ PM <input type="checkbox"/> 24/7 Operation
What type of HVAC system has been installed in the building?	Click on the Cell to Select from the Drop Down Menu
Is a cooling tower a part of the HVAC system in the building?	Click on the Cell to Select from the Drop Down Menu



LA County Green Building Dashboard Best Practices Survey

Regional Environmental and Sustainability Programs

Water

Flush & Flow Fixtures

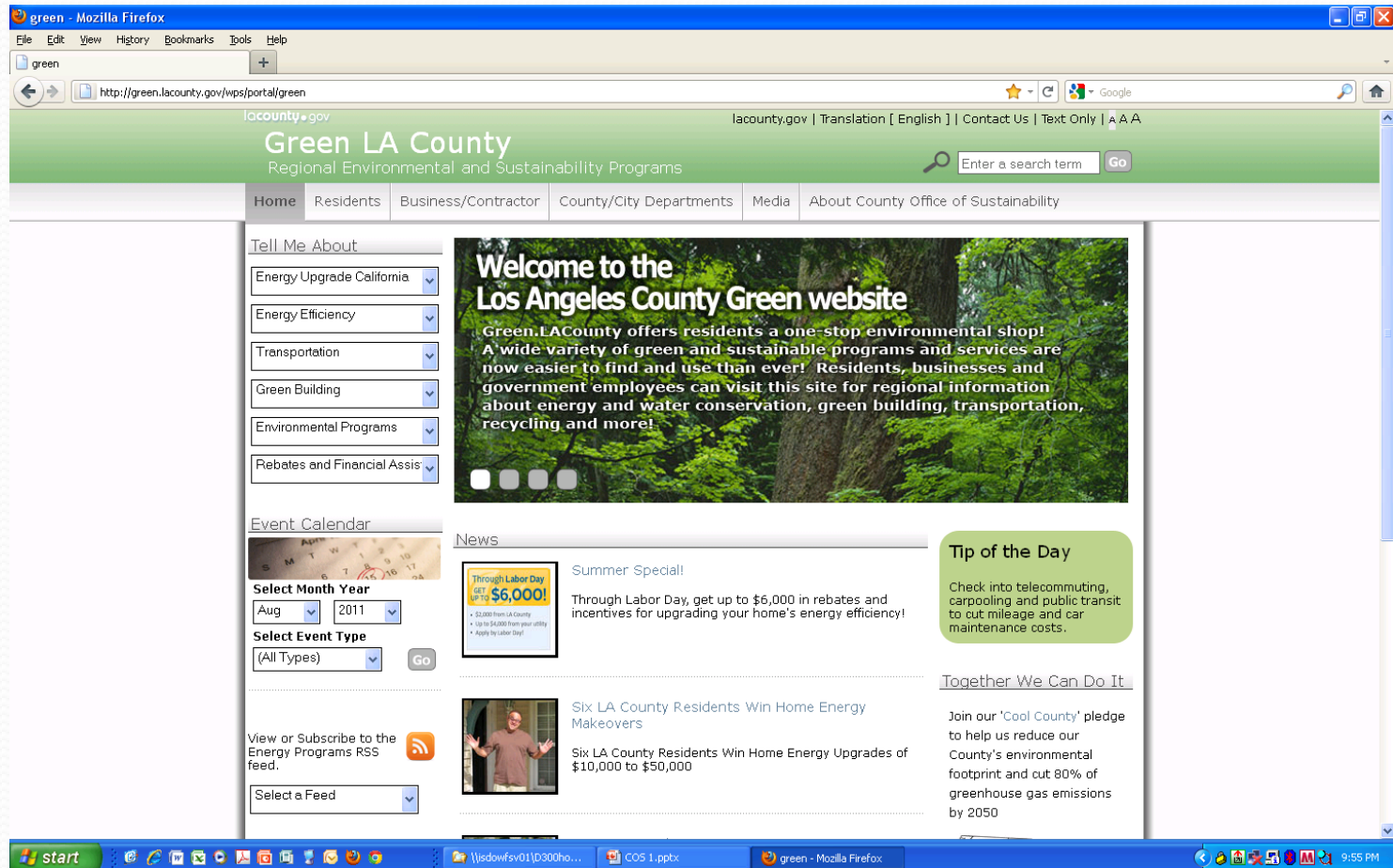
Instructions: Place an "X" in the cells below to indicate the appropriate response to the question.

Yes (X)	In Progress (X)	No (X)	Not Possible in this facility
Audit			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is water metered at the facility?			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has an audit of the water fixtures been conducted?			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If an audit of the water fixtures has been conducted, have the following been included?			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Log existing fixtures			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Record which fixtures use potable versus non-potable water			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
List water fixture sub-metering configurations			
Baseline			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has an baseline water use calculation been performed for all water uses in the facility?			
Track Performance			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have you used the LA County Green Building Dashboard to track water use at the facility?			
High Efficiency Equipment and Strategies			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have automatic fixture sensors or metering controls been employed at the facility?			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have flow restrictors or reduced-flow aerators been installed on lavatory, kitchenette sink, shower fixtures?			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have low-consumption flush fixtures such as dual-flush water closets and high-efficiency urinals			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are waterless fixtures such as non-water urinals and non-water toilet systems installed?			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Have rainwater collection or graywater reuse fixtures been installed?			
Management Plan			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has a Water Fixture Management Plan been written for the building?			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If a Water Fixture Management Plan has been written, does it include the following?			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Metering or submetering			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water supply			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maintenance			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Toilets (water closets)			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Urinals			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lavatory faucets			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kitchen faucets			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Showerheads			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blow out fixtures			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pre-rinse spray valves			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does the plan specify: Scope and duration; Responsible parties; Sustainability goals and objectives;			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Action oriented procedures and strategies for improvement; Specific metrics to measure			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
performance; Review process to evaluate the success of the plan			

LEED Objectives can help us get there



Green LA County Website



<http://green.lacounty.gov/wps/portal/green>

County Office of Sustainability

Thank You